

PORSE
11.3.214.1
6/16/08

BASIN STEAM PAD

USEPA SF



1306535



PACIFIC

DETROIT DIESEL-ALLISON



April 11, 1991

Roger Burpee
P.O. Box 487
Lake Oswego, Or 97034

Dear Roger,

We've finalized our plans to handle waste water at the Basin Ave. facilities. Briefly, the plan involves the installation of a single water purification system at the rear of the 8.2 facility, an enlargement of the Allison shop steam pad along with construction of a protective wall and a new gutter system on the rear of the 8.2 building. The Allison steam pad would be connected to the purifier in an underground closed loop system.

The end result will be that no water will be put into either the storm or sanitary sewers.

The present cost estimates for this portion of the job are as follows:

1. Waste water purifier \$14,914
2. Steam pad wall,
connections to purifier \$15,823
3. 8.2 gutter system \$ 3,534

Additional expenses will be required to: Build a house for the purifier, move the 8.2 steam cleaner to the opposite side of the building, increase electrical service at the rear of the 8.2 building to 35 Amps, building permits.

A guess for this portion of the job is \$3,000.00. We have applied for permits, a 60 day process at best.

The 8.2 steam pad is not being used so no work will be required except maybe to plug the drain.

Other projects at the Basin Ave. site are as follows:

1. Double walled fuel tank for the 8.2 test area (\$1352)
2. Double walled tank for 8.2 waste oil (\$1352)

Additionally, there is the issue of the underground heating oil tanks. It is our opinion that the removal of those tanks along with the costs involved is your responsibility.

We have prices from IZ Construction Co. to remove both 1000 gallon tanks, backfill the holes, and resurface the area at \$4696.80, assuming no ground contamination. Additionally, the cost to replace the 8.2/OTA office tank would be \$2826.00 for a 550 gallon double wall tank and associated piping to the boiler.

If you wish, we can handle the paper work and billings for this project and invoice you in any way that's convenient.

As for the water treatment project we would suggest that PDDA assume the cost of the purifier, enclosure, fuel and waste oil tanks, and gutter system (approx \$25,000) and you pay for the steam pad, wall, and connections from the Allison shop to the purifier (approx \$15,823). We are agreeable to extending the lease on the Lagoon Ave. facility for an additional 18 months in consideration of your contribution to this project.

Please let me know if you have any questions.

Sincerely,



Richard T. McCleary
President

cc: P. Melhuish
M. Pierce

4-2-91

TO INSTALL WAIST WATER SYSTEM AT 8.2.

NEW GUTTER SYSTEM 3534.00 UP 881⁰⁰

CONSTRUCTION 15'823⁰⁰ JW 4636⁰⁰

WAIST WATER SYSTEM 14'914⁰⁰ UP 919⁰⁰

34,271⁰⁰

PLUS EXPENSES TO

A. MOVE STEAM CLEANER

B. BUILD HOUSE AROUND WAIST SYSTEM

C. BRING 35A ELE. OUT TO DOCK.

D. PERMITS.

Tanks - removal 2 1000

8.2 bldg 500 double wall

concrete pad for 8.2 fuel oil

" " " 8.2 waste oil

1. Remove 2 1000 gal
backfill both
resurfacing

4696.80
IZ Construction Co.

assuming no contour

Replace office/8.2 heating oil
tank w 550 above gr
double wall

\$1706

1120 gravel base
& piping to
boiler

2. Fuel tank - double wall
- 1352

3. Waste oil Tank double wall

1352

House 1200

Order quote on lagoon
steam pad & tank
removal system

waste oil \$5000
dyno fuel
steam pad

getting new quote
but purifier in, in place
of current bag valve filter